

Environmental Management System (EMS) Significant Aspects, Objectives, and Targets for the DOE/Stoller Legacy Management Team – FY 2006

| Significant Aspects | Activities/Products/Services | Impacts (Environment/Worker Health and Safety) | Objectives | Targets |
|--|--|---|---|---|
| Paper Consumption | <ul style="list-style-type: none"> • Preparation of reports / documents • General office work • Use of printers, faxes, copiers, business machines • Cleaning / maintaining office space • Sampling activities | <ul style="list-style-type: none"> • Depletion of natural resources • Office clutter • Impacts local landfill space • Non-hazardous waste generation | <ul style="list-style-type: none"> • Reduce paper consumption | <ul style="list-style-type: none"> • Reduce paper use at the DOE-LM Grand Junction site by 5% (per capita) • Establish paper use baseline at other DOE-LM sites (those with business/office activities) |
| Staff Travel (Ground and Air) | <ul style="list-style-type: none"> • Travel to and from office (essential work activities) • Travel to and from remote sites (essential work activities) | <ul style="list-style-type: none"> • Fuel consumption / depletion of natural resources • Air emissions / waste generation • Employee accident / injury and property damage | <ul style="list-style-type: none"> • Eliminate non-essential vehicle and air travel and optimize use of GSA vehicles | <ul style="list-style-type: none"> • Reduce travel by 5% through the use of televideo and teleconferencing technology |
| Energy Consumption (Electricity, Natural Gas, etc.) | <ul style="list-style-type: none"> • General office work • Use of printers, PCs, copiers, business machines, etc. • Office lighting • Heating / cooling work spaces • Use of appliances, testing equipment, chargers • Outside security lighting • Operation of GW treatment systems • Operation of environmental monitoring equip. (wells, air samplers, pumps, etc.) | <ul style="list-style-type: none"> • Depletion of natural resources • Air emissions / waste generation at power plants | <ul style="list-style-type: none"> • Reduce energy consumption and increase use of renewable energy sources | <ul style="list-style-type: none"> • Buy electricity generated by renewable sources for two DOE-LM sites • Provide energy conservation awareness training to employees • Perform energy audits at two DOE-LM sites |
| Toxic Chemical Use at Disposal Sites | <ul style="list-style-type: none"> • Manage vegetation | <ul style="list-style-type: none"> • Accumulation of toxic chemicals in the environment (soil and water) • Worker exposure • Wildlife exposure | <ul style="list-style-type: none"> • Reduce use of toxic chemicals | <ul style="list-style-type: none"> • Identify alternative, more environmentally friendly methods for vegetation management at two DOE-LM sites |